AS A BELOW NAMED INVENTOR, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below), of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE: COOLING SYSTEM FOR A SEMICONDUCTOR DEVICE AND METHOD OF FABRICATING SAME

the specification of which either is	attached hereto or indicates an	attorney docket no. <u>YOR920030184US1 (8728-625)</u> , or	r:	
was filed in the U.S. Patent & Trademark Office on and assigned Serial No, and (if applicable) was amended on,				
Priority Claimed:				
(Application Number)	(Country)	(Day/Month/Year filed)		
(Application Number)	(Country)	(Day/Month/Year filed)		
States provisional application(s), or insofar as the subject matter of each application(s) in the manner provisinformation material to patentabilit	§365(c) of any PCT Internation of the claims of this application ded by the first paragraph of T by as defined in Title 37, The Co	of any United States application(s), or \$119(e) of any United all application designating the United States, listed below a is not disclosed in the prior United States or PCT International itle 35, U.S. Code, \$112, I acknowledge the duty to disclose of Federal Regulations, \$1.56(a) which became availance PCT international filing date of this application:	nd na ose	
(Application Serial Number)	(Filing Date)	(STATUS: patented, pending, abandoned)		
(Application Serial Number)	(Filing Date)	(STATUS: patented, pending, abandoned)		

I hereby appoint the following attorneys: MANNY W. SCHECTER, Reg. No. 31,722; KEVIN M JORDAN, Reg. 40, 277, CHRISTOPHER A. HUGHES (Reg. 26,914); JOHN E. HOEL (Reg. 26,279); JOSEPH C. REDMOND, JR. (Reg. 18,753); STEPHEN C. KAUFMAN, Reg. No. 29,551; ROBERT M. TREPP, Reg. No. 25,933; LOUIS P. HERZBERG, Reg. No. 41,500; DANIEL P. MORRIS, Reg. No. 32,053; LOUIS J. PERCELLO, Reg. No. 33,206; DOUGLAS W. CAMERON, Reg. No. 31,596; RICHARD M. LUDWIN, Reg. No. 33,010; DEREK S. JENNINGS, Reg. No. 41,473; GAIL H. ZARICK, Reg. No. 43,303; TIMOTHY M. FARRELL, Reg. No. 37,321; THU ANN DANG (Reg. 41,544); WAN YEE CHEUNG (Reg. 42,410); ALLISON D. MORTINGER, (Reg. No. 39,306); and RAFAEL A. PEREZ-PINEIRO, (Reg. No. 46,041), each of them of INTERNATIONAL BUSINESS MACHINES CORPORATION, Thomas J. Watson Research Center, P.O. Box 218, Yorktown Heights, New York 10598; to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith and with any divisional, continuation, continuation-in-part, reissue or re-examination application, with full power of appointment and with full power to substitute an associate attorney or agent, and to receive all patents which may issue thereon, and request that all correspondence be addressed to:

Frank Chau, Esq. F. CHAU & ASSOCIATES, LLP 1900 Hempstead Turnpike, Suite 501 East Meadow, New York 11554 Tel.: 516-357-0091 HEREBY DECLARE that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF FIRST	QR _A SOLE INVENTOR: <u>Howard Hao Chen</u>	Citizenship <u>US</u>
Inventor's signature:	Yorktown Heights, New York	Date: <u>September 4, 2</u> 003
Post Office Address:	2710 Evergreen Street Yorktown Heights, New York 10598	
FULL NAME OF SECON Inventor's signature: Residence:	ND JOINT DIVENTOR: Louis L. Hsu Fishkill, New York	Citizenship <u>US</u> Date: <u>Sept. 8, 2003</u>
Post Office Address:	7 Crosby Court Fishkill, New York 12524	
FULL NAME OF THIRD Inventor's signature: Residence:	IOINT INVENTOR: Joseph F. Shepard, Jr. Fishkill, New York	Citizenship US Date: Seer 3 200?
Post Office Address:	32D Greenhill Drive Fishkill, New York 12524	

Attorney Docket No. YOR920030184US1 (8728-625)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Howard Hao Chen et al.

SERIAL NO.: Not Yet Assigned

FILED: Concurrently Herewith

FOR: COOLING SYSTEM FOR A SEMICONDUCTOR DEVICE AND

METHOD OF FABRICATING SAME

ASSOCIATE POWER OF ATTORNEY

Please recognize FRANK CHAU, Reg. No. 34,136; FRANK V. DeROSA, Reg. No. 43,584; NATHANIEL T. WALLACE, Reg. No. 48,909; ERIC M. PARHAM, Reg. No. 45,747; THOMAS W. McNALLY, Reg. No. 48,609; MICHAEL F. MORANO, Reg. No. 44,952, KOON H. WONG, Reg. No. 48,459; and BENJAMIN M. HALPERN, Reg. No. 46,434, each of them of F. CHAU & ASSOCIATES, LLP, 1900 Hempstead Tumpike, Suite 501, East Meadow, New York 11554 as associate attorneys in the abovementioned application, with full power to prosecute said application, to make alterations and amendments therein, and to transact all business in the Patent and Trademark Office connected therewith.

Telephone calls should be made to Frank Chau by dialing (516) 357-0091.

All written communications are to be sent to Frank Chau, Esq., F. Chau & Associates, LLP, 1900 Hempstead Turnpike, Sulte 501, East Meadow.

New York 11554.

International Business Machines Core

T.J. Watson Research Center

P.O. Box 218

Yorktown Heights, New York 10598

Richard M. Ludwin

Registration No. 33,010

Louis J. Penzello

Registration No. 33,206
Atterney for Applicant(s)